Parker-Davis Rate Design FY 2011

Generation	Delivery	Commitments
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 Firm Electric Service
 233,844 kW
 1,229,778 MWH

 Priority Use Power
 37,303 kW
 195,267 MWH

 Total
 271,147 kW
 1,425,045 MWH

Transmission Delivery Commitments

 Firm Electric Service
 233,844 kW

 Priority Use Power
 37,303 kW

 Firm Transmission Service
 2,654,162 kW

 Total
 2,925,309 kW

Generation Revenue Requirement

Firm Electric Service \$10,421,875

*Aggregate Power Managers \$1,662,507

Total \$12,084,382

Transmission Revenue Requirement

2,925,309 kWs =

Firm Electric Service \$3,030,618

*Aggregate Power Managers \$483,447

Firm Transmission Service \$34,397,940

Total \$37,912,005

\$12.96 /1

\$0.25

\$0.04

\$1.08 /2

kW-YR

kW-MO

kW-WK

kW-DAY

Aggregate Power Managers			* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement Transmission Revenue Requirement Total **Priority Use Power Revenue	8.68 mills/kWh	φZ, 145,954	**The Bureau of Reclamation determines the PUP revenue requirement, which the PUP customers are obligated to pay through a power rate. The estimated FY10 power rate is 8.68 mills/kWh. The APMs agreed via contract to make contributory payment to make up the difference, if any, between the PUP rate set by BOR and total funding Parties'
APM Contributory Payment (Based on an estima	ted PUP Rate)	\$451,036	obligation.

\$37,912,005 /

STEP ONE
Firm Transmission Rate

					\$0.00148	kWh
STEP TWO						
Calculated Capacity Rate	\$6,042,191	/	271,147	kWs	\$22.28 /3 \$1.86 /2	kW-YR kW-MO
Calculated Energy Rate	\$6,042,191	/	1,425,045	MWHs	4.24 /4	Mills/kWh
Calculated Composite Rate without Transmission	\$12,084,382	/	1,425,045	MWHs	8.48 /5	Mills/kWh
Calculated Composite Rate with Transmission						
Ge	eneration \$12,084,382					
Trans	smission <u>\$3,514,065</u>					
	\$15,598,447	/	1,425,045	MWHs	10.95	Mills/kWh

STEP THREE

Nonfirm Transmission Rate 1.48 /6 Mills/kWh

STEP FOUR

Firm Transmission Rate for SLCA/IP Power \$6.48 /7 kW-SEASON

\$1.08 /8 kW-MO

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE - Effective June 1, 2005

Arizona 4.5 /9 Mills/kWh
California & Nevada 2.5 /9 Mills/kWh

- /1 Annual Net Expenses Allocated to Transmission DIVIDED BY the sum of the Total transmission delivery commitments.
- /2 $\$ \text{/kW-YR DIVIDED BY 12, rounded up to the penny.}
- /3 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery Commitment
- /4 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery commitment.
- /5 Annual Net Expenses Allocated to Generation DIVIDED BY the sum of the Total Generation Delivery Commitment
- /6 (Firm Transmission Rate \$/kW-YR DIVIDED BY (8,760) MULTIPLIED BY 1,000, rounded two decimal places.
- /7 Firm Transmission Rate \$/kW-YR DIVIDED BY 2, rounded up to the penny.
- /8 Firm Transmission Rate $\$ W-SEASON DIVIDED BY 6, rounded up to the penny.
- /9 Lower Colorado River Development Fund Surcharge For the Parker-Davis Project, this charge is to be assessed commencing

June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)

Parker-Davis Rate Design FY 2012

Generation	Delivery	Commitments
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 Firm Electric Service
 233,844 kW
 1,229,778 MWH

 Priority Use Power
 37,303 kW
 195,267 MWH

 Total
 271,147 kW
 1,425,045 MWH

Transmission Delivery Commitments

 Firm Electric Service
 233,844 kW

 Priority Use Power
 37,303 kW

 Firm Transmission Service
 2,675,829 kW

 Total
 2,946,976 kW

Generation Revenue Requirement

Firm Electric Service \$10,421,875

*Aggregate Power Managers \$1,662,507

Total \$12,084,382

Transmission Revenue Requirement

Firm Electric Service \$3,030,618

*Aggregate Power Managers \$483,447

Firm Transmission Service \$34,678,744

Total \$38,192,809

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement Transmission Revenue Requirement Total **Priority Use Power Revenue 8.68 mills/kWh APM Contributory Payment (Based on an estimated PUP Rate)	\$2,145,954	**The Bureau of Reclamation determines the PUP revenue requirement, which the PUP customers are obligated to pay through a power rate. The estimated FY10 power rate is 8.68 mills/kWh. The APMs agreed via contract to make contributory payment to make up the difference, if any, between the PUP rate set by BOR and total funding Parties' obligation.

STEP ONE				
Firm Transmission Rate	\$38,192,809 /	2,946,976 kWs	= \$12.96 /1	kW-YR
			\$1.08 /2	kW-MO
			\$0.25	kW-WK
			\$0.04	kW-DAY
			\$0.00148	kWh

STEP TWO				
Calculated Capacity Rate	\$6,042,191 /	271,147 kWs	\$22.28 /3	kW-YR
Calculated Energy Rate	\$6,042,191 /	1,425,045 MWHs	\$1.86 /2 4.24 /4	kW-MO Mills/kWh
Calculated Composite Rate without Transmission	\$12,084,382 /	1,425,045 MWHs	8.48 /5	Mills/kWh
Calculated Composite Rate with Transmission Genera Transmiss	sion <u>\$3,514,065</u>	4 405 045 NNAUL-	40.05	N 4:11- /1-\ N /1-
	\$15.598.447 /	1,425,045 MWHs	10.95	Mills/kWh

STEP THREE

Nonfirm Transmission Rate 1.48 /6 Mills/kWh

STEP FOUR

Firm Transmission Rate for SLCA/IP Power \$6.48 /7 kW-SEASON \$1.08 /8 kW-MO

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE - Effective June 1, 2005

Arizona 4.5 /9 Mills/kWh
California & Nevada 2.5 /9 Mills/kWh

- /1 Annual Net Expenses Allocated to Transmission DIVIDED BY the sum of the Total transmission delivery commitments.
- /2 \$/kW-YR DIVIDED BY 12, rounded up to the penny.
- /3 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery Commitment
- /4 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery commitment.
- /5 Annual Net Expenses Allocated to Generation DIVIDED BY the sum of the Total Generation Delivery Commitment
- /6 (Firm Transmission Rate \$/kW-YR DIVIDED BY (8,760) MULTIPLIED BY 1,000, rounded two decimal places.
- /7 Firm Transmission Rate \$/kW-YR DIVIDED BY 2, rounded up to the penny.
- /8 Firm Transmission Rate $\$ W-SEASON DIVIDED BY 6, rounded up to the penny.
- /9 Lower Colorado River Development Fund Surcharge For the Parker-Davis Project, this charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)

Parker-Davis Rate Design FY 2013

Generation	Delivery	Commitments
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 Firm Electric Service
 233,844 kW
 1,229,778 MWH

 Priority Use Power
 37,303 kW
 195,267 MWH

 Total
 271,147 kW
 1,425,045 MWH

Generation Revenue Requirement

Firm Electric Service \$10,421,875

*Aggregate Power Managers \$1,662,507

Total \$12,084,382

Transmission Delivery Commitments

 Firm Electric Service
 233,844 kW

 Priority Use Power
 37,303 kW

 Firm Transmission Service
 2,676,829 kW

 Total
 2,947,976 kW

Transmission Revenue Requirement

Firm Electric Service \$3,030,618

*Aggregate Power Managers \$483,447

Firm Transmission Service \$34,691,704

Total \$38,205,769

Aggregate Power Managers			* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement Transmission Revenue Requirement Total **Priority Use Power Revenue APM Contributory Payment (Based on an estimate)	8.68 mills/kWh ated PUP Rate)	\$2,145,954	**The Bureau of Reclamation determines the PUP revenue requirement, which the PUP customers are obligated to pay through a power rate. The estimated FY10 power rate is 8.68 mills/kWh. The APMs agreed via contract to make contributory payment to make up the difference, if any, between the PUP rate set by BOR and total funding Parties'

STEP ONE								
Firm Transmission Rate		\$38,205,769	/	2,947,976	kWs	=	\$12.96 /1	kW-YR
							\$1.08 /2	kW-MO
							\$0.25	kW-WK
							\$0.04	kW-DAY
							\$0.00148	kWh
STEP TWO								
Calculated Capacity Rate		\$6,042,191	/	271,147	kWs		\$22.28 /3	kW-YR
							\$1.86 /2	kW-MO
Calculated Energy Rate		\$6,042,191	/	1,425,045	MWHs		4.24 /4	Mills/kWh
Calculated Composite Rate without Transmission		\$12,084,382	/	1,425,045	MWHs		8.48	Mills/kWh
Calculated Composite Rate with Transmission								
	Generation	\$12,084,382						
	Transmission	<u>\$3,514,065</u>						
		\$15,598,447	/	1,425,045	MWHs		10.95	Mills/kWh
STEP THREE								
Nonfirm Transmission Rate							1.48 /6	Mills/kWh
							1.10 70	.71110/10711
0TED F011D								

STEP FOUR

Firm Transmission Rate for SLCA/IP Power \$6.48 /7 kW-SEASON \$1.08 /8 kW-MO

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE - Effective June 1, 2005

Arizona 4.5 /9 Mills/kWh
California & Nevada 2.5 /9 Mills/kWh

- /1 Annual Net Expenses Allocated to Transmission DIVIDED BY the sum of the Total transmission delivery commitments.
- /2 \$/kW-YR DIVIDED BY 12, rounded up to the penny.
- /3 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery Commitment
- /4 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery commitment.
- /5 Annual Net Expenses Allocated to Generation DIVIDED BY the sum of the Total Generation Delivery Commitment
- /6 (Firm Transmission Rate \$/kW-YR DIVIDED BY (8,760) MULTIPLIED BY 1,000, rounded two decimal places.
- /7 Firm Transmission Rate \$/kW-YR DIVIDED BY 2, rounded up to the penny.
- /8 Firm Transmission Rate $\$ kW-SEASON DIVIDED BY 6, rounded up to the penny.
- /9 Lower Colorado River Development Fund Surcharge For the Parker-Davis Project, this charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)

Parker-Davis Rate Design FY 2014

 Firm Electric Service
 233,844 kW
 1,229,778 MWH

 Priority Use Power
 37,303 kW
 195,267 MWH

 Total
 271,147 kW
 1,425,045 MWH

Generation Revenue Requirement

Firm Electric Service \$10,421,875

*Aggregate Power Managers \$1,662,507

Total \$12,084,382

Transmission Delivery Commitments

 Firm Electric Service
 233,844 kW

 Priority Use Power
 37,303 kW

 Firm Transmission Service
 2,677,829 kW

 Total
 2,948,976 kW

Transmission Revenue Requirement

Firm Electric Service \$3,030,618

*Aggregate Power Managers \$483,447

Firm Transmission Service \$34,704,664

Total \$38,218,729

			Total			\$38,2	18,729
Aggregate Power Managers			gregate Power Manager er (PUP).	s (APMs)	have the	e financial responsibility	for Priority Use
Generation Revenue Requirement Transmission Revenue Requirement Total **Priority Use Power Revenue 8.68 mills/kWh APM Contributory Payment (Based on an estimated PUP Rate)	\$1,662,507 \$483,447 \$2,145,954 \$1,694,918 \$451,036	custo 8.68 up th	e Bureau of Reclamation or are obligated to promits are obligated to promits with the APMs are difference, if any, betwation.	ay throug agreed via	h a powe contrac	er rate. The estimated to make contributory p	FY10 power rate is payment to make
STEP ONE Firm Transmission Rate	\$38,218,729	/	2,948,976	kWs	=	\$12.96 /1 \$1.08 /2 \$0.25 \$0.04 \$0.00148	kW-YR kW-MO kW-WK kW-DAY kWh
STEP TWO Calculated Capacity Rate	\$6,042,191	/	271,147	kWs		\$22.28 /3	kW-YR
Calculated Energy Rate	\$6,042,191	/	1,425,045	MWH	3	\$1.86 /2 4.24 /4	kW-MO Mills/kWh
Calculated Composite Rate without Transmission	\$12,084,382	/	1,425,045	MWH	5	8.48	Mills/kWh
Calculated Composite Rate with Transmission Generation Transmission	\$12,084,382 \$3,514,065 \$15,598,447	/	1,425,045	MWHs	3	10.95	Mills/kWh
STEP THREE Nonfirm Transmission Rate						1.48 /6	Mills/kWh
STEP FOUR Firm Transmission Rate for SLCA/IP Power						\$6.48 /7 \$1.08 /8	kW-SEASON kW-MO
LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE - E Arizona California & Nevada	Effective June 1,	200	5			4.5 /9 2.5 /9	Mills/kWh Mills/kWh

- /1 Annual Net Expenses Allocated to Transmission DIVIDED BY the sum of the Total transmission delivery commitments.
- /2 $\$ \$/kW-YR DIVIDED BY 12, rounded up to the penny.
- /3 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery Commitment
- /4 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery commitment.
- /5 Annual Net Expenses Allocated to Generation DIVIDED BY the sum of the Total Generation Delivery Commitment
- $/6 \quad \text{(Firm Transmission Rate \$/kW-YR DIVIDED BY (8,760) MULTIPLIED BY 1,000, rounded two decimal places.}$

Parker-Davis Rate Design FY 2015

Generation	Delivery	Commitments
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 Firm Electric Service
 233,844 kW
 1,229,778 MWH

 Priority Use Power
 37,303 kW
 195,267 MWH

 Total
 271,147 kW
 1,425,045 MWH

Transmission Delivery Commitments

 Firm Electric Service
 233,844 kW

 Priority Use Power
 37,303 kW

 Firm Transmission Service
 2,677,829 kW

 Total
 2,948,976 kW

Generation Revenue Requirement

Firm Electric Service \$10,421,875

*Aggregate Power Managers \$1,662,507

Total \$12,084,382

Transmission Revenue Requirement

Firm Electric Service \$3,030,618

*Aggregate Power Managers \$483,447

Firm Transmission Service \$34,704,664

Total \$38,218,729

ggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement Fransmission Revenue Requirement Total *Priority Use Power Revenue 8.68 mills/kWh PM Contributory Payment (Based on an estimated PUP Rate)	\$2,145,954	**The Bureau of Reclamation determines the PUP revenue requirement, which the PUP customers are obligated to pay through a power rate. The estimated FY10 power rate is 8.68 mills/kWh. The APMs agreed via contract to make contributory payment to make up the difference, if any, between the PUP rate set by BOR and total funding Parties' obligation.

STEP ONE							
Firm Transmission Rate		\$38,218,729	/	2,948,976	kWs	= \$12.96 /	1 kW-YR
						\$1.08 /	
						\$0.25	kW-WK
						\$0.04	kW-DAY
						\$0.00148	kWh
STEP TWO							
Calculated Capacity Rate		\$6,042,191	/	271,147	kWs	\$22.28 /	3 kW-YR
						\$1.86 /	2 kW-MO
Calculated Energy Rate		\$6,042,191	/	1,425,045	MWHs	4.24 /-	4 Mills/kWh
Oals lated Oams also Bate May (Transmission		# 40 004 000	,	4 405 045	N 41 A / L L -	0.40.7	E 84'H- /LVA/L
Calculated Composite Rate without Transmission		\$12,084,382	/	1,425,045	IVIVVHS	8.48 /	5 Mills/kWh
Calculated Composite Rate with Transmission							
	Generation	\$12,084,382					
	Transmission	\$3,514,06 <u>5</u>					
		\$15,598,447	/	1,425,045	MWHs	10.95	Mills/kWh
STEP THREE							
Nonfirm Transmission Rate						1.48 /	6 Mills/kWh
เพิ่มแบบ เปลี่ยงแม้จอเปม เปลี่ย						1.40 /	U 1711113/17.7711

Nonfirm Transmission Rate 1.48 /6 Mills/kWh

STEP FOUR

Firm Transmission Rate for SLCA/IP Power \$6.48 /7 kW-SEASON

\$1.08 /8 kW-MO

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE - Effective June 1, 2005

Arizona 4.5 /9 Mills/kWh
California & Nevada 2.5 /9 Mills/kWh

- /1 Annual Net Expenses Allocated to Transmission DIVIDED BY the sum of the Total transmission delivery commitments.
- /2 \$/kW-YR DIVIDED BY 12, rounded up to the penny.
- /3 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery Commitment
- /4 (Annual Net Expenses Allocated to Generation MULTIPLIED BY .50) DIVIDED BY the sum of the Total Generation Delivery commitment.
- /5 Annual Net Expenses Allocated to Generation DIVIDED BY the sum of the Total Generation Delivery Commitment
- /6 (Firm Transmission Rate \$/kW-YR DIVIDED BY (8,760) MULTIPLIED BY 1,000, rounded two decimal places.
- /7 Firm Transmission Rate \$/kW-YR DIVIDED BY 2, rounded up to the penny.
- /8 Firm Transmission Rate $\$ kW-SEASON DIVIDED BY 6, rounded up to the penny.
- /9 Lower Colorado River Development Fund Surcharge For the Parker-Davis Project, this charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)